Telia Smart Transport

SPEED ALERT:
FOR MAINTAINING A SAFE SPEED

The Speed Alert driver support tool helps the driver maintain speed limits, reducing driver stress, improving the working environment and increasing traffic safety for everyone. The result is a reduction in the number of accidents as well as reduced fuel costs and pollution.

Receive immediate feedback
Feedback can be provided by a buzzer or light diodes that activate when the vehicle reaches an excessive speed. Or, you can opt for a touchscreen that signals to the driver that an excessive speed has been reached while showing the speed limit in the area.

All speed violations during the trip are logged and archived, allowing you to track violations over time if desired. The system also has login support so you can track the respective driver's violations.

Safe driving is no accident
Driving safely and observing the speed limit strengthen your company's brand by showing the public that you are responsible. This is especially important in areas such as childcare and school zones. Maintaining the speed limit also has inancial advantages, as a steady rate of speed reduces fuel costs and pollution.

KEY BENEFITS

- Driver support to maintain speed limit
- Central tracking of drivers and vehicles if desired
- Maintaining steady speed means reduced fuel consumption
- Quality assurance for public transport
- Ensuring that drivers keep your brand promise of safe and sustainable driving
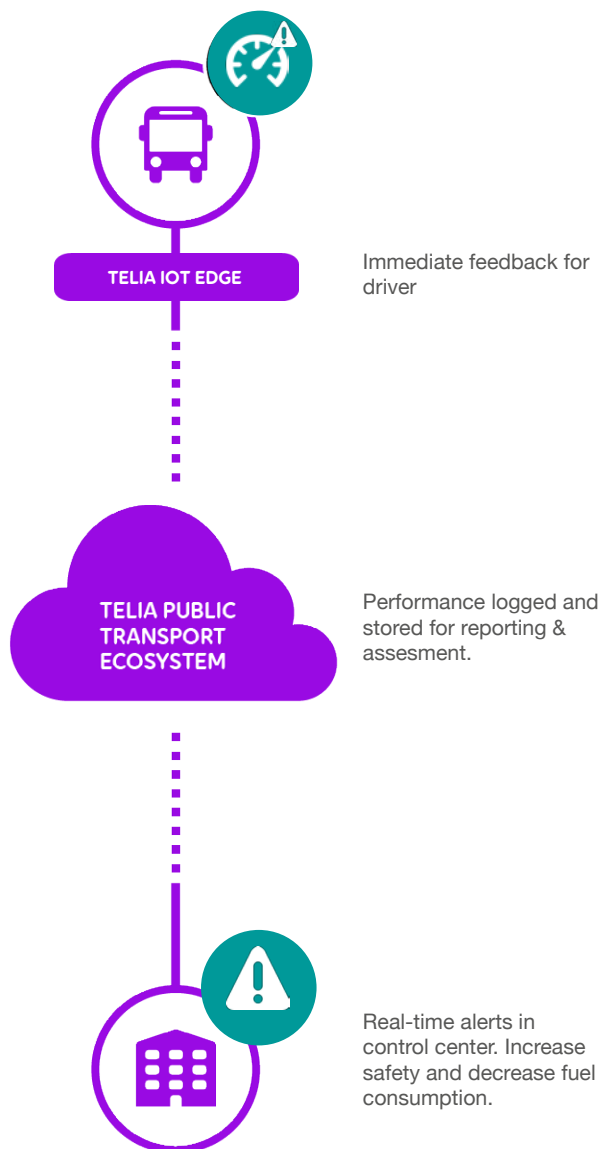
How does Telia Speed Alert work?

Speed Alert is a service that runs on the Telia IoT platform and is connected via Telia IoT Edge; our powerful onboard edge processor and gateway. Telia IoT Edge delivers real-time data to drivers and to the cloud.

A Telia IoT Edge and a driver support tool are installed in each vehicle. The Telia IoT Edge registers and sends data to the platform over the mobile network. If the network has poor coverage, the unit will resume the transfer once reception is restored. The information is then accessible to you via the cloud-based portal. The unit is automatically remotely updated on a regular basis with the Swedish Transport Administration's national road database, which ensures that the system always has updated speed information.

The driver support tool consists of: one light diode, a buzzer or touchscreen mounted by the driver's seat. When the speed limit is exceeded, the diode emits a light and the buzzer emits a sound, and the screen signals to the driver that the vehicle has reached an excessive speed. If another application is running, Speed Alert is superimposed on that app so that the notification is not missed.

The server service compiles all speed violations of a given vehicle as well as the number of seconds spent over the speed limit. This information is connected with the GPS position, which is visible on a map.

TELIA IOT EDGE

Immediate feedback for driver

TELIA PUBLIC TRANSPORT ECOSYSTEM

Performance logged and stored for reporting & assesment.

Real-time alerts in control center. Increase safety and decrease fuel consumption.

CONSOLIDATE YOUR IT SYSTEMS TO ONE OPEN PLATFORM

Telia IoT Edge is an powerful onboard edge processor and communication gateway. It is retrofittable and connects onboard systems and devices to the cloud. This makes it possible to download vehicle data, control, survey, update and configure IT-systems in the vehicle remotely. Telia IoT Edge combines robust, maintenance-free design with reliable and open software and application.

With an open platform, APIs and standards; you can easily integrate your own services – or add third party applications. So you can make the most of whatever the future brings.

TECHNICAL COMPONENTS

Onboard unit	Telia IoT Edge - MIIPS C
RFID reader and tag	
Buzzer	
Light diode	
Touchscreen	Telia MIIPS Android

Telia